



RAW SEQUENCE LISTING

DATE: 02/20/2002

PATENT APPLICATION: US/09/647,104A

TIME: 10:07:52

Input Set : N:\Crf3\02062002\I647104A.raw

Output Set: N:\CRF3\02202002\I647104A.raw

1 <110> APPLICANT: Max-Delbr ck-Centrum f r Molekulare Medizin
 2 <120> TITLE OF INVENTION: Agents fort treating human illness based on a-catenin,
 3 and the production and use thereof
 4 <130> FILE REFERENCE: 0107-028A
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/647,104A
 6 <141> CURRENT FILING DATE: 2000-08-17
 7 <150> PRIOR APPLICATION NUMBER: DE 198 07 390.9
 8 <151> PRIOR FILING DATE: 1998-02-21
 9 <150> PRIOR APPLICATION NUMBER: PCT/DE99/00554
 10 <151> PRIOR FILING DATE: 1999-02-22
 11 <160> NUMBER OF SEQ ID NOS: 12
 12 <170> SOFTWARE: PatentIn Ver. 2.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 24
 16 <212> TYPE: PRT
 17 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide from
 20 LEF-1
 21 <400> SEQUENCE: 1
 22 Gly Asp Pro Glu Leu Cys Ala Thr Asp Glu Met Ile Pro Phe Lys Asp
 23 1 5 10 15
 24 Glu Gly Asp Pro Gln Lys Glu Lys
 25 20
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 14
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide from
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 34 <400> SEQUENCE: 2
 35 Glu Leu Cys Ala Thr Asp Glu Met Ile Pro Phe Lys Asp Glu
 36 1 5 10
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 23
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide from
 44 TCF-4
 45 <400> SEQUENCE: 3
 46 Gly Gly Asp Asp Leu Gly Ala Asn Asp Glu Leu Ile Ser Phe Lys Asp

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48      Glu Gly Glu Gln Glu Glu Lys
49          20
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52 <211> LENGTH: 14
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide from
57      TCF-4
58 <400> SEQUENCE: 4
59      Asp Leu Gly Ala Asn Asp Glu Leu Ile Ser Phe Lys Asp Glu
60          1          5          10
62 <210> SEQ ID NO: 5
63 <211> LENGTH: 16
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence:
68      Antennapediapeptide
69 <400> SEQUENCE: 5
70      Arg Gln Ile Glu Ile Trp Phe Gln Asn Arg Arg Met Glu Trp Glu Glu
71          1          5          10          15
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 41
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
79      repeat 3 of human -catenin
80 <400> SEQUENCE: 6
81      His Arg Glu Gly Leu Leu Ala Ile Phe Lys Ser Gly Gly Ile Pro Ala
82          1          5          10          15
83      Leu Val Lys Met Leu Gly Ser Pro Val Asp Ser Val Leu Phe Tyr Ala
84          20          25          30
85      Ile Thr Thr Leu His Asn Leu Leu Leu
86          35          40
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 41
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
94      repeat 4 of human -catenin
95 <400> SEQUENCE: 7
96      His Gln Glu Gly Ala Met Ala Val Arg Leu Ala Gly Gly Leu Gln Lys
97          1          5          10          15
98      Met Val Ala Leu Leu Asn Lys Thr Asn Val Lys Phe Leu Ala Ile Thr
99          20          25          30

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100      Thr Asp Cys Leu Gln Ile Leu Ala Tyr
101              35                      40
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104 <211> LENGTH: 43
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
109      repeat 5 of human -catenin
110 <400> SEQUENCE: 8
111      Gly Asn Gln Glu Ser Lys Leu Ile Ile Leu Ala Ser Gly Gly Pro Gln
112              1              5              10              15
113      Ala Leu Val Asn Ile Met Arg Thr Tyr Thr Tyr Glu Lys Leu Leu Trp
114              20              25              30
115      Thr Thr Ser Arg Val Leu Lys Val Leu Ser Val
116              35                      40
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 41
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
124      repeat 6 of human -catenin
125 <400> SEQUENCE: 9
126      Cys Ser Ser Asn Lys Pro Ala Ile Val Glu Ala Gly Gly Met Gln Ala
127              1              5              10              15
128      Leu Gly Leu His Leu Thr Asp Pro Ser Gln Arg Leu Val Gln Asn Cys
129              20              25              30
130      Leu Trp Thr Leu Arg Asn Leu Ser Asp
131              35                      40
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 39
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
139      repeat 7 of human -catenin
140 <400> SEQUENCE: 10
141      Ala Ala Thr Lys Gln Glu Gly Met Glu Gly Leu Leu Gly Thr Leu Val
142              1              5              10              15
143      Gln Leu Leu Gly Ser Asp Asp Ile Asn Val Val Thr Cys Ala Ala Gly
144              20              25              30
145      Ile Leu Ser Asn Leu Thr Cys
146              35
148 <210> SEQ ID NO: 11
149 <211> LENGTH: 44
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:

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153 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
154     repeat 8 of human -catenin
155 <400> SEQUENCE: 11
156     Asn Asn Tyr Lys Asn Lys Met Met Val Cys Gln Val Gly Gly Ile Glu
157         1             5             10             15
158     Ala Leu Val Arg Thr Val Leu Arg Ala Gly Asp Arg Glu Asp Ile Thr
159         20             25             30
160     Glu Pro Ala Ile Cys Ala Leu Arg His Leu Thr Ser
161         35             40
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 46
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Armadillo
169     repeat 9 of human -catenin
170 <400> SEQUENCE: 12
171     Arg His Gln Glu Ala Glu Met Ala Gln Asn Ala Val Arg Leu His Tyr
172         1             5             10             15
173     Gly Leu Pro Val Val Val Lys Leu Leu His Pro Pro Ser His Trp Pro
174         20             25             30
175     Leu Ile Lys Ala Thr Val Gly Leu Ile Arg Asn Leu Ala Leu
176         35             40             45

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VERIFICATION SUMMARY

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L:5 M:270 C: Current Application Number differs, Wrong Format

2/20/02